

**ABSTRACT OF THE DISCLOSURE**

There are disclosed a method for fabricating (processing) a micro-sample used for the observation, analysis, and measurement by, for example, a transmission electron microscope (TEM), and an equipment for specimen fabrication (processing) used for carrying out the method. With the method for specimen fabrication (processing) of the present invention, a micro-sample to be separated and extracted from a specimen substrate is sandwiched and held between a plurality of branch beams formed at the tip of a beam. The beam holding the micro-sample is transferred onto a sample holder, and the micro-sample is mounted (firmly held) on the sample holder. After mounting the micro-sample on the sample holder, the beam is detached and separated from the mounted micro-sample. By adopting such a method for separating, extracting, and mounting the micro-sample, it is possible to separate and extract the minute micro-sample from a desired region on the specimen substrate with precision and stability, and to fabricate a specimen for high reliability observation, analysis, and measurement entailing less contamination, in a shorter time and with efficiency.